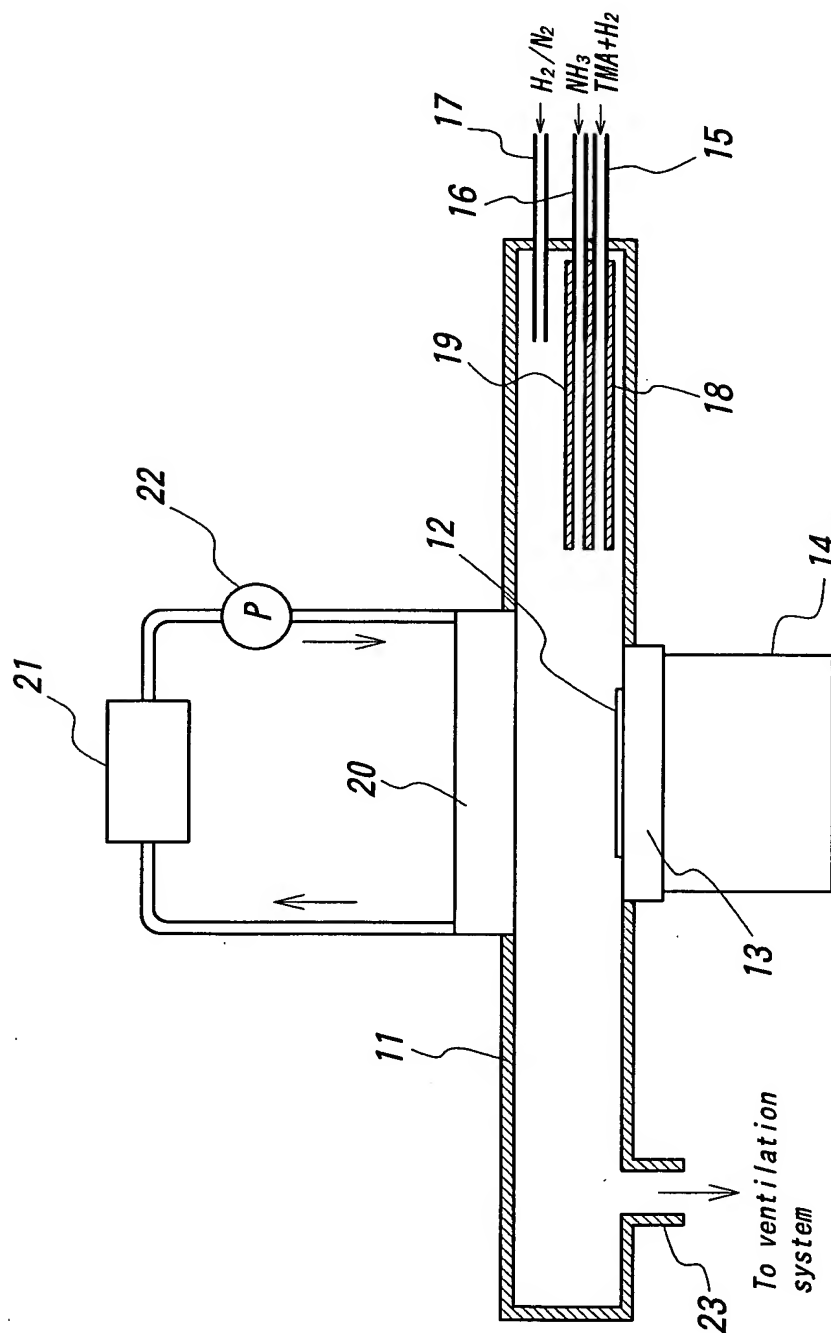
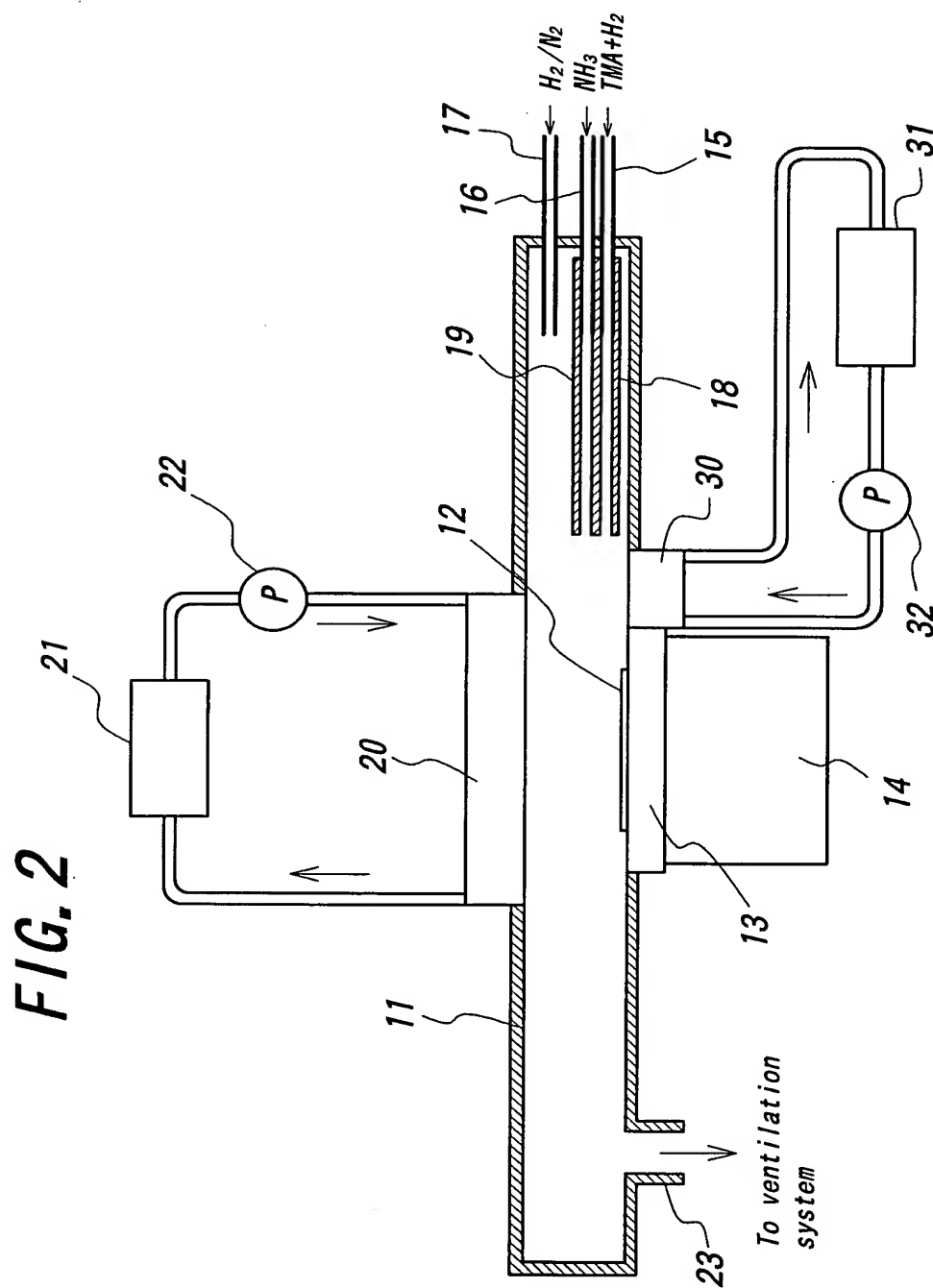


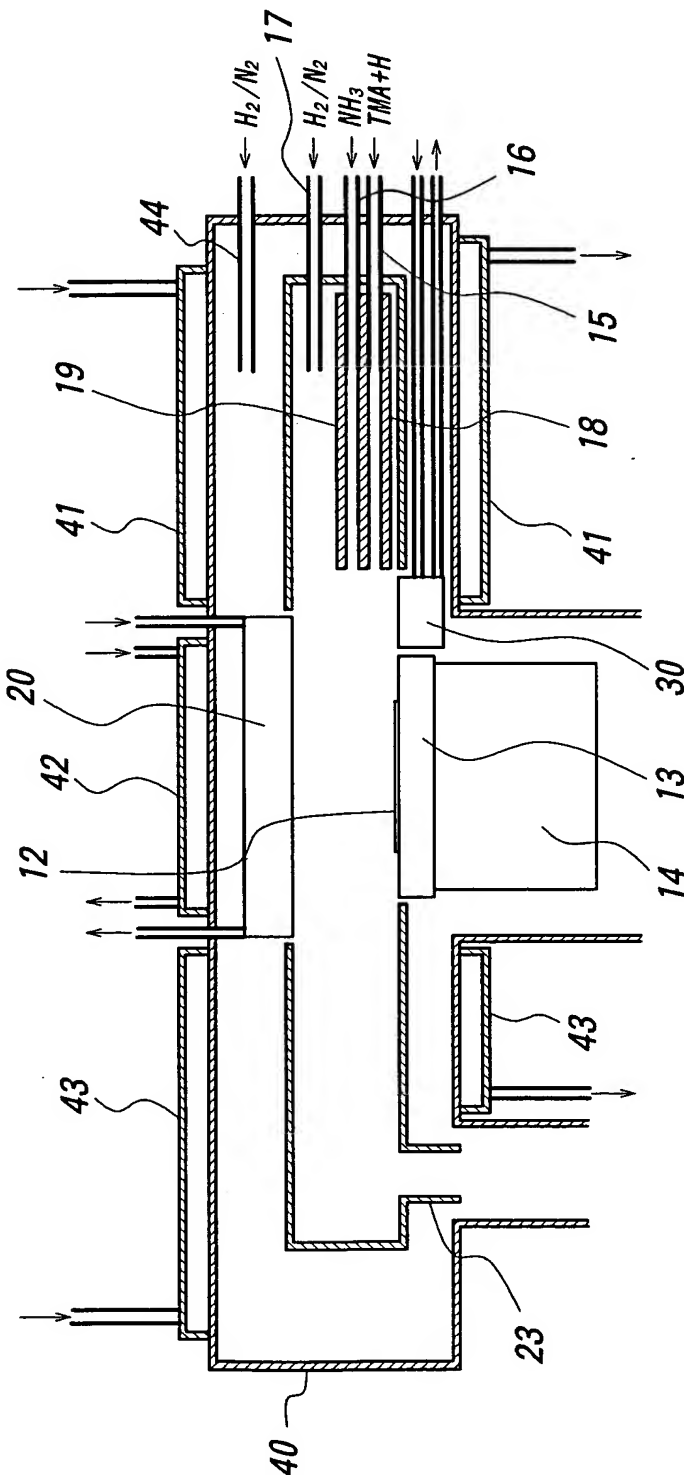
# FIG. 1





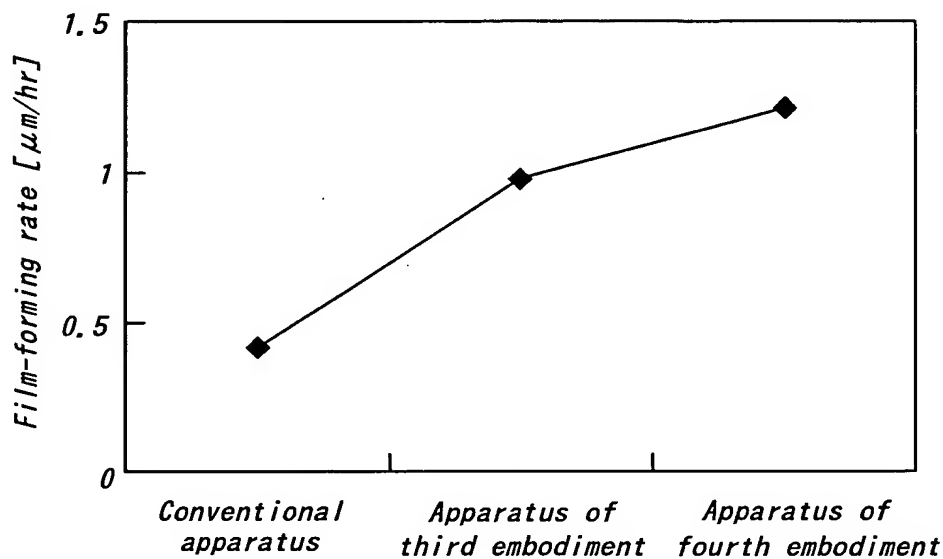
3 / 5

FIG. 3



The diagram illustrates a dual-chamber reactor system. The upper chamber (11) contains a substrate (12) and is equipped with a gas inlet (16) for  $H_2/N_2$ , an  $NH_3$  inlet (17), and a  $TMA+H_2$  inlet (15). The lower chamber (13) contains a crucible (14) for supplying TMA. Both chambers are connected to a common exhaust system (18) leading to a pump (19). The system is controlled by two gas flow controllers (51, 52) and two pumps (53, 54) for the upper chamber, and two gas flow controllers (55, 56) and a pump (57) for the lower chamber. Arrows indicate the direction of gas flow into and out of the chambers.

**FIG. 5**



**FIG. 6**

